

Programming Languages Chapter 13 Discovering Computers

1. What is a third generation programming language?

It is a procedural language that uses English-like words to write instructions, making programming easier to accomplish.

2. Give three examples of third generation languages?

COBOL, C

3. What generation language is assembly?

Second Generation

4. What is object oriented programming?

It uses objects that have already been made and already contain data on how to do specific things. And the objects can be reused.

5. Define three object oriented programming languages:

Java: Allows you to create programs.

C++: Is an extension of the C language and is typically used when developing databases or web applications.

C#: Allows you to create programs and communicate with other computers on the web or on a network. You can also keep building from things you made on C, or C++ while on C#.

Page 696 Ethics and Issues: Read Is Beta Testing out of Hand?

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta testing is when a program is pre-released in an unfinished form, users can use the software and give feedback to the company on bugs that might still exist.

If I found something I wanted to use, I would happily download the beta.

If the product was good enough for me to use then I wouldn't mind having to deal with the little bugs that there might be, it would almost be expected if you got the first version put out.

From what was in the article I would say no, they just give you the messy version and let you find the bugs for them, especially without any kind of back up for you if something did go wrong with their software.

It is reasonable for them to put out a beta version so they can get feedback from people who would be interested in it, people who would likely be users of the finished product. If they are developing something that is meant for the public to use, then they should be able to put something out for them to test.